Rimage DL5200/DLN5200
User Guide

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3. Learn more on your product page.

From your product page you can access:

- Information about the latest software and firmware updates
- Product specifications
- Troubleshooting tips and FAQs
- The latest documents
- Printing tips
- Current firmware and driver downloads

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Introduction

This manual provides the information needed to operate the DLN5200/DL5200 and identify the parts. To set up and install your DLN5200/DL5200, refer to the *Setup and Installation Guide* included with your product.

The Rimage DLN5200 and DL5200 are robotic-controlled autoloaders containing two recorders, a two-line display panel, and an Everest™ printer. The Rimage DLN5200/DL5200 records and prints discs, then places the finished discs in the output bin, or in one of the five output trays.

The Rimage DL5200 requires a PC.

The Rimage DLN5200 has an embedded PC and is a network ready device that receives orders from other networked computers. You can also operate the Rimage DLN5200 by attaching a monitor, keyboard, and mouse.

Rimage DLN5200/DL5200

Requirements

Software requirements

DLN5200

The Rimage DLN5200 ships with the correct software installed on the embedded PC. The Rimage DLN5200 will operate **only** with the Rimage software installed on the embedded PC.

DL5200

The Rimage DL5200 will operate **only** with the Producer Software Suite.

Operating system requirements

DLN5200

The DLN5200 has an embedded operating system. The DLN5200 and software will function only with the embedded operating system.

DL5200

The Rimage DL5200 and the Producer Software Suite run **only** on Windows 2000, Windows XP, and Windows Server 2003.

Media requirements

For media requirements, refer to the *Everest Printer User Guide.*

Ribbon requirements

For ribbon requirements, refer to the *Everest Printer User Guide.*

Label design requirements

For label design requirements, refer to the *Everest Printer User Guide.*

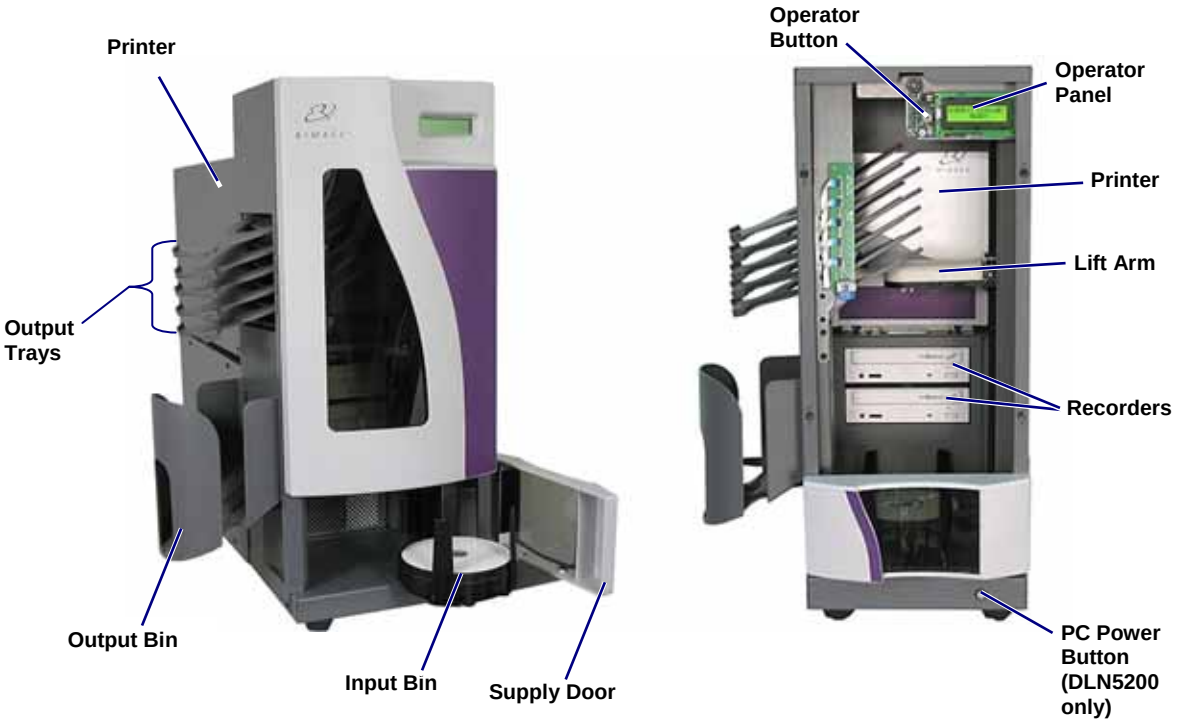
Networking ability

To submit orders from a networked PC, refer to the *Rimage Advanced Setup Guide (110721)*.

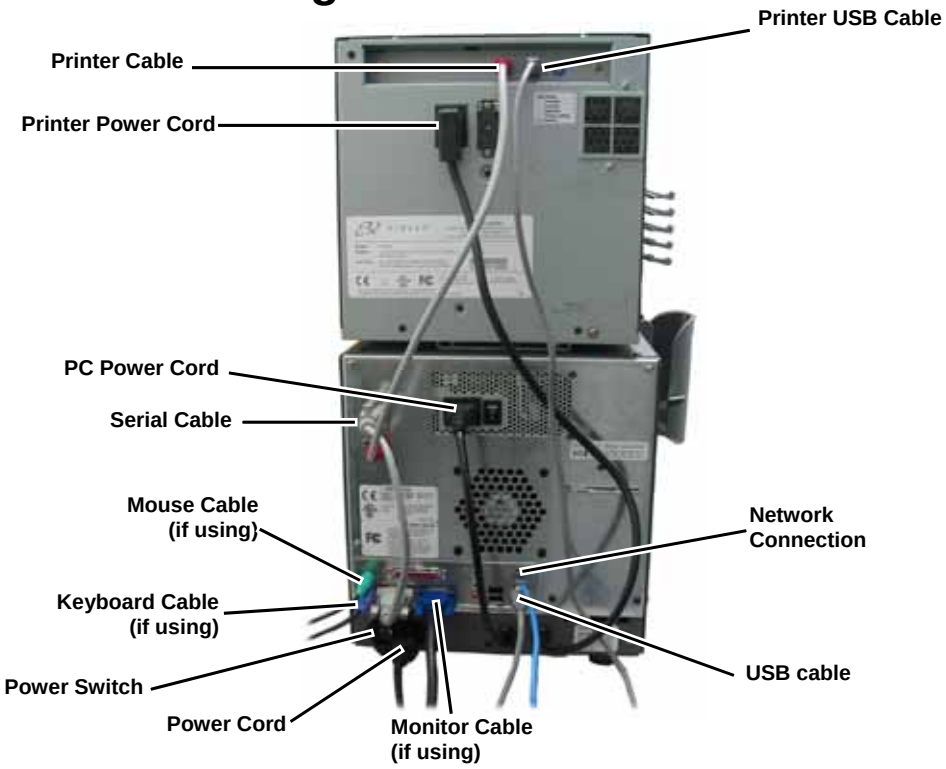
Identify the parts of the Rimage DLN5200/DL5200

This section describes the Rimage DLN5200/DL5200 hardware and its features.

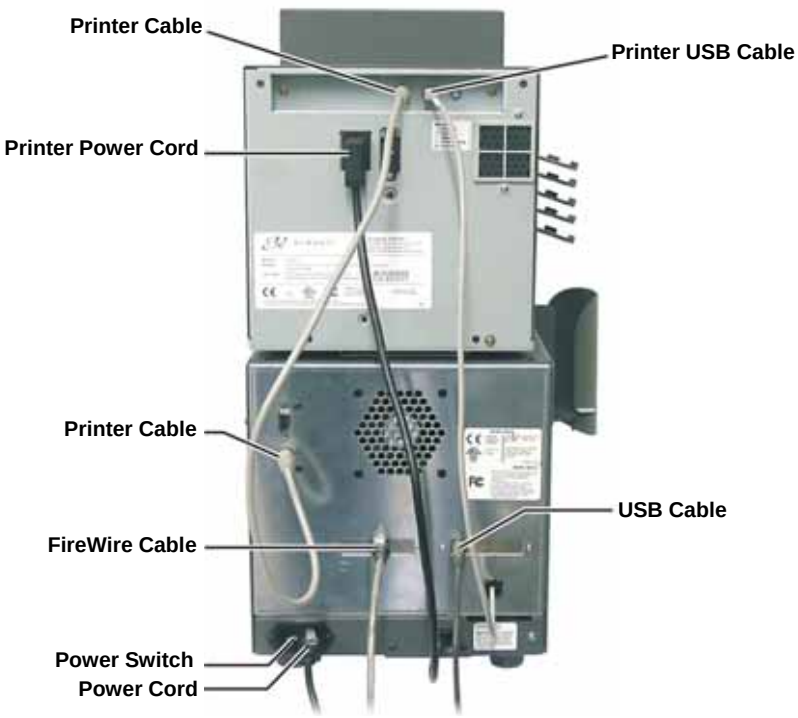
Front view



Rear view - Rimage DLN5200



Rear view - Rimage DL5200



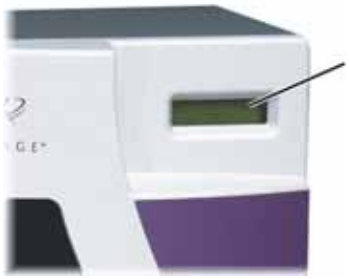
✎ **Note:** The 9-Pin serial connector is not used.

Description of Parts

Operator panel

The operator panel has a two-line display that informs you of operations or any conditions that require operator intervention.

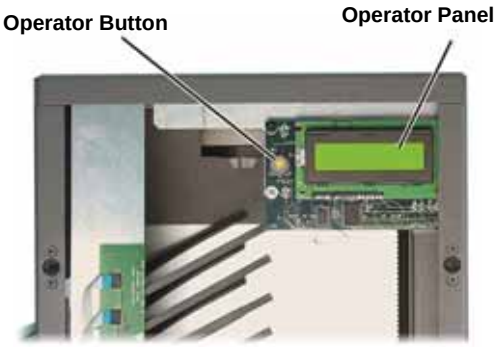
The Rimage DLN5200 displays the name of the embedded PC or product name after it initializes. The computer name is displayed by default. This is helpful in identifying the embedded PC on the network. Refer to the *Operate Gemini Utilities* section on page 15 to see other options.



Operator button

The operator button is a push button used to open and close the print drawer. The operator button is only accessed by removing the front panel.

Press the **operator button** to open the print drawer. Press it again to close the print drawer.



Beeper

The Rimage DLN5200/DL5200 has a beeper that sounds when user intervention is required. Read the condition on the operator panel or at the client application and take appropriate action to correct the problem. To stop the beeping, open the supply door.

To change the number of beeps or to disable the beeper, refer to the *Enabling the beeper* section on page 15.

Output trays

The Rimage DLN5200/DL5200 is configured with five output trays and an output bin. When a disc is recorded and printed, the lift arm moves the disc to the output bin or one of the output trays. The disc slides out to the end of the tray. The sensor located on each output tray detects if a disc is in the output tray. The output trays are numbered 1 - 5, with 1 located at the top.

Output bin

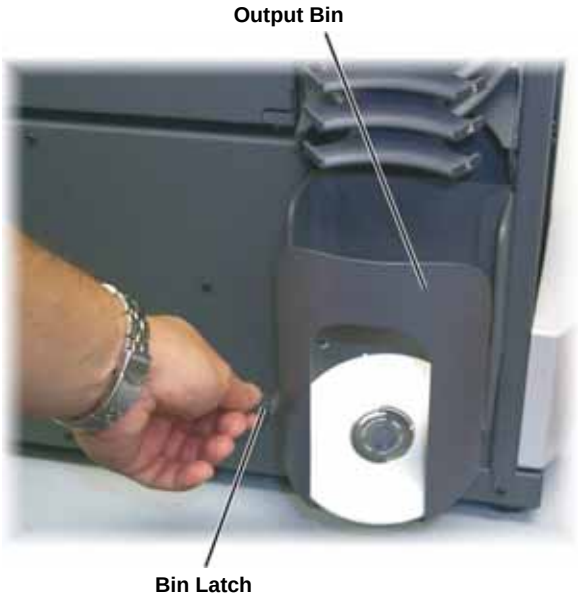
The output bin receives completed and/or failed discs. The output bin holds up to 75 discs.

1. To **remove discs from the output bin**, hold the output bin with one hand while moving the bin latch up and then lower the bin.

   ✎ **Note:** Each time you fill the input bin, remove the completed discs from the output bin so the output bin does not become full.

2. To **raise the output bin** into position, lift the output bin and then pull the bin latch down to lock it in place.

⚠ **Caution**: Do not use the latch to raise the output bin!



Operate the Rimage DLN5200/DL5200

Powering on

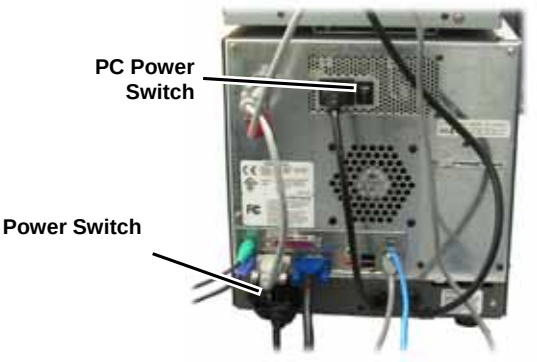
Before you begin:

Set up the Everest printer. For more information, refer to the *Rimage Everest Printer™ setup guide.*

Powering on the Rimage DLN5200

1. Ensure the **PC power switch** is in the on position.
2. Press the main **power switch** on the rear of the autoloader to power on the autoloader.

   ✎ **Note:** After powering on the autoloader, the printer initializes.
3. Press the **PC power button** on the front of the autoloader to power on the embedded PC. When the DLN5200 autoloader has completed the initialization, the operator panel displays **RIMAGE DLN5200 READY**.



Powering on the Rimage DL5200

Before powering on the computer attached to the DL5200, power on the DL5200 by pressing the **main power switch**.

When the DL5200 autoloader has completed the initialization, the operator panel displays **RIMAGE DL5200 READY**.

Powering off

Powering off the Rimage DLN5200

1. Close all open applications.
2. Briefly press the **PC power button** to shut down the software, Windows, and the embedded PC.

   Caution: Do **not** press and hold the PC power button. If you press and hold the PC power button, the embedded PC will not shut down properly. This may cause data loss or corruption.

   Note: Powering off the DLN5200 takes approximately 30 seconds.
3. When the PC has powered off, press the main **power switch** to power off the DLN5200.

Power off the Rimage DL5200

1. Close all applications.
2. Press the main **power switch** to power off the Rimage DL5200.

   Note: When you start the Rimage DL5200 again, you must first power on the DL5200 and then power on the attached computer so the recorders are recognized.

Loading discs

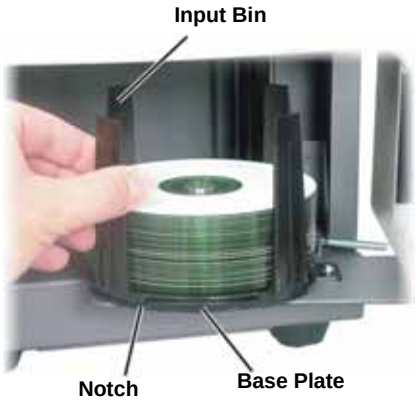
The input bin holds up to 50 discs. Use the recommended Rimage media with the Everest printer.

1. Open the **supply door.**
2. Remove the **input bin.**

3. Place the **discs** in the input bin with the recording side facing down.

   Important! Hold the discs by the edge. Fingerprints affect print quality.

4. Place the **input bin** on the base plate.
5. Rotate the **input bin** until it drops into the notches.
6. Close the **supply door.**



Removing or installing the front panel

Removing the front panel

Grasp the sides of the front panel and pull out.

Note: The front panel has four pins that are held in with retaining clips.

Installing the front panel

Align the pins to the retaining clips and press into place.

Maintain the DLN5200/DL5200

The procedures in this section will help keep your DLN5200/DL5200 in optimum operating condition.

Preventive maintenance schedule

Maintenance Procedure	Schedule
Cleaning the Rimage DLN5200/DL5200	**Once a week.** Using a damp, lint free cloth, remove dust from the autoloader and surrounding work area.
Aligning the Everest printer	**On installation and as needed.** Refer to the instructions below.

Aligning the Everest printer

When the Everest printer is installed or replace, you may need to align it to the lift arm.

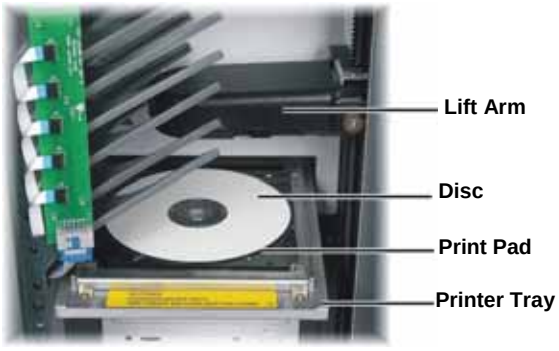
Tools Needed: Torx T25 driver

Before you begin:

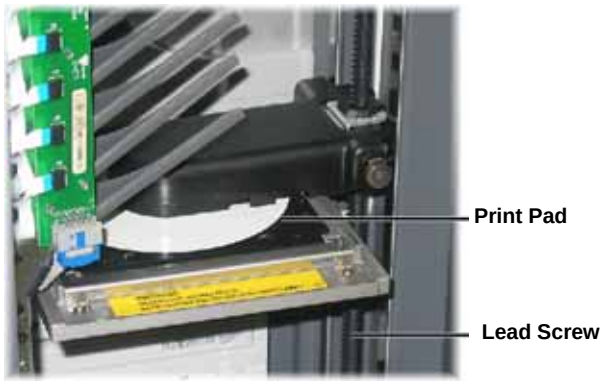
Power on the Rimage DLN5200/DL5200 autoloader. Wait for the unit to initialize.

Note: The Everest printer takes 2 to 3 minutes to complete the initialization.

1. Select **Diagnostic test 4 - jog lift diagnostic**.
   a. Press and hold the **operator button** to place the unit in diagnostics mode. The operator panel indicates when to release the button.
   b. When the operator panel displays **01 CYCLE OUTPUTS DIAGNOSTIC**, press the operator button four times and hold on the fourth press. This selects the **JOG LIFT DIAGNOSTIC TEST**. The lift arm moves down toward the print drawer as the printer tray opens.
   c. When the operator panel prompts you to place a disc, place a **disc** on the print pad.
2. Check the printer alignment.
   a. Press the **operator button** to move the lift arm closer to the print pad.
   b. Press the **operator button** again and the lift arm moves down and picks up the disc.



c. Manually rotate the **lead screw** counterclockwise to move the lift arm down to the print pad.



3. Check the disc alignment.

   To see if the disc is centered, observe the gap between the edge of the disc and the raised edges as shown by the arrows.

   If the disc requires **side to side alignment**, continue to step 4.

   If the disc requires **front to back alignment**, continue to step 5.

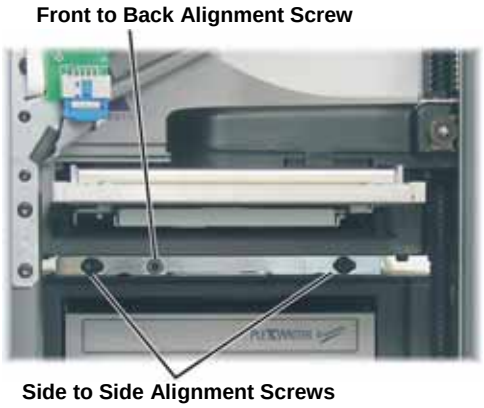
4. If necessary, perform a side to side alignment.

   a. Loosen the two **side to side alignment screws.**

   b. Slide the **printer** until the side gaps are equal.

   ⓘ **Important!** Slide the entire printer, **not** the printer tray.

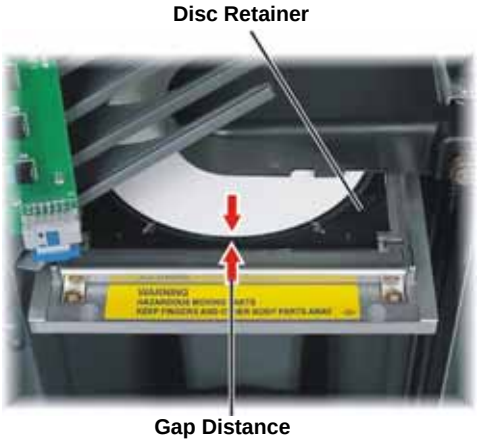
   c. Tighten the two **side to side alignment screws.**



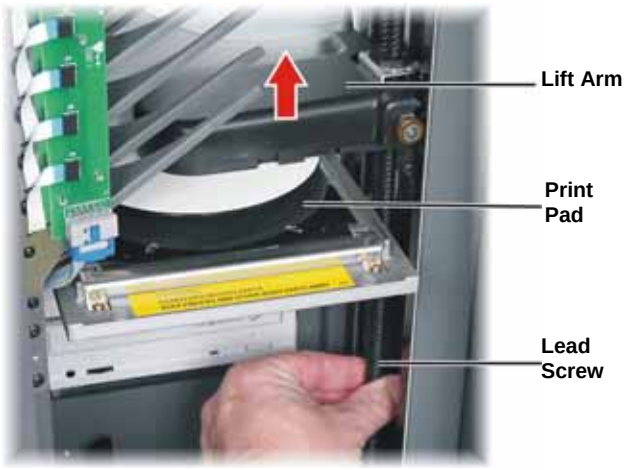
5. If necessary, perform a front to back alignment.

   a. Turn the **front to back alignment screw** until there is a 1/16” (1.5mm) gap between the front edge of the disc and the raised edge of the disc retainer.

   Tip: You can use the Torx T25 driver, or 5/32” Allen wrench, to turn the front to back alignment screw.



   b. When the printer is aligned, rotate the **lead screw** to raise the lift arm up about 1.0” (2.5 cm).



6. Exit the diagnostic test.

   a. Press and hold the **operator button** to exit diagnostic test 4. The disc is lifted up to the top output tray and released.

   b. Press the **operator button** fourteen times and hold on the last press to exit diagnostics.

   c. Press the **operator button** one time to close the printer tray.

Operating Gemini Utilities

The Rimage Producer Software Suite includes an application called Gemini Utilities, which is used to update the autoloader firmware. It may also be used to change the display name of the Rimage DLN5200/DL5200 and to enable the beeper. The Rimage DLN5200 displays the computer name on the operator panel. The computer name is helpful when identifying the computer on the network.

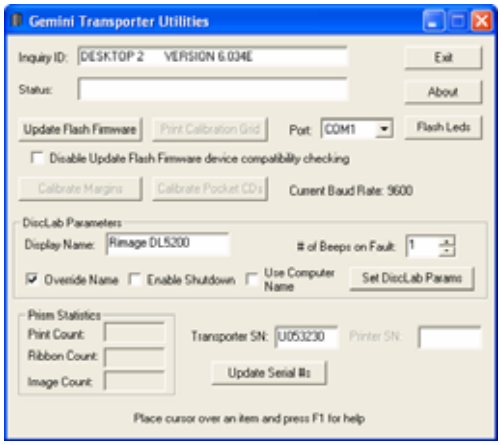
Tip: To access Gemini Utilities on a DLN5200, use the remote desktop connection from a networked PC, or connect a monitor, keyboard, and mouse to the DLN5200.

Starting Gemini Utilities

1. Close all applications.
2. In *Rimage Service Manager*, stop all Rimage Services.

   Note: Refer to your Rimage Software online help for additional information.
3. **Navigate**: Start > Programs > Rimage > Utilities > Gemini Utilities. Gemini Utilities opens.

   Note: When the desired tasks are complete, restart the Rimage Services.



Changing the autoloader display name

Use Gemini Utilities to enter the name displayed on the operator panel.

1. Select the **Override Name** checkbox.
2. Clear the **Use Computer Name** checkbox.
3. In the ***Display Name*** field, enter the new name.
4. Select **Set DiscLab Params** to save the settings.

Enabling the beeper

You can change the number of beeps that occur when there is an error.

1. In the ***# of Beeps on Fault*** field, select or enter the number of beeps you wish to hear when there is an error.

   Tip: Entering 0 (zero) in the ***# of Beeps on Fault*** field disables the beeper.
2. Select **Set DiscLab Params** to save the settings.

Stopping Gemini Utilities

Select **Exit** to close *Gemini Transporter Utilities*.

Learn More

Rimage DLN5200/DL5200 specifications

✎ **Note:** For printer specifications, refer to your *Everest Printer User Guide* or *PrismPlus! Printer User Guide*.

Rimage DLN5200	Two disc recorders, Rimage DLN5200 autoloader, an Everest printer, a network-ready embedded PC, and Rimage software.
Rimage DL5200	Two disc recorders, Rimage DL5200 autoloader, an Everest printer, and Rimage software.
Input Bin Capacity	One removable 50-disc bin.
Output Capacities	Five single-disc output trays and one 75-disc output bin.
Rimage DLN5200 (Embedded PC)	Celeron D 340 processor with 533Mhz Front Side Bus 512MB DDR2-400, SDRAM Windows XP Embedded with Service Pack 2 Two 36 GB, Serial ATA, 10,000 RPM, 8 MB cache, Hard Drives
Rimage DL5200 PC requirements	Pentium 4 2.8 GHz, 512MB L2 Cache , 800MHz FSB 512MB DDR2-200, 400Mhz Bus Microsoft Windows® 2000 Professional Service Pack 4, Microsoft Windows XP Professional Service Pack 1or 2, Windows Server 2003 Rimage recommends 4 hard drives – One for the OS, one for the Rimage System Folder, and two for caching (one for each recorder). One open PCI slot for the provided FireWire®/USB card.
Height	23.25 inches (59.1 cm)
Width	14.5 inches (36.8 cm) Allow an additional 2.4 inches (6.1 cm) of space for the door to swing open.
Depth	23.5 inches (59.1 cm) Allow an additional 2.5 inches (6.4 cm) for cabling in the rear of the autoloader.
DLN5200 Weight	51 lbs (23.2 kg) without Everest printer, 95 lbs. (43.2 kg) with Everest printer.
DL5200 Weight	44.5 lbs (20.2 kg) without Everest printer, 88.5 lbs. (40.2 kg) with Everest printer.
Power	100 – 240VAC, 60/50 Hz, 4.7 – 3.7 Amps
Operating Temperature	60° – 80º F (15.5º – 26.7° C)
Humidity	40–80% non-condensing

Technical support and product updates

Support for the DLN5200/DL5200 autoloader is available through your authorized reseller.

Important: Be sure to register your Rimage DLN5200/DL5200 autoloader online or complete and return the registration card so we can notify you of upgrades as they become available.

Safety information

This manual and the indications on the product allow proper and safe operation. The indication marks below help protect you and other persons from injury, and equipment from damage.

Warning! According to ANSI (American National Standards Institute) standards, a warning is used to indicate situations that could result in bodily injury to personnel operating or maintaining the equipment.

Caution: Indicates that failure to observe this guideline could result in loss or damage to the equipment, product, software, or data.

Safety precautions

To ensure safety, please read the precautions in the User Guide and familiarize yourself with their meaning before using the equipment.

Warning:

- The laser beam used by this CD-R or DVD-R recorder is a class 1 laser and can be harmful to the eyes. Do not attempt to open the recorder. Do not attempt to view the laser beam.
- Never use any optical instrument in conjunction with this unit. To do so will greatly increase the hazard to your eyes.
- Please observe all warning and caution labels to ensure safety of personnel.
- Replace all fuses with the same voltage and current ratings to maintain UL safety approvals.
- Use the supplied AC power cord, or use a safety agency-approved power cord.

Caution:

- Any equipment that has AC line voltage, or low DC voltages, such as switches, power supplies, fuses, fans, non-stepper motors, must be replaced with Rimage–approved components to maintain the safety approval issued by UL.
- The DLN5200 model contains a lithium battery. There is a risk of explosion if the battery is replaced by an incorrect battery. Dispose the old battery according to the manufacture's instructions included with the battery package.

Safety testing

Product name: Rimage DLN5200/DL5200

Model:

- **DLN5200: RAS15E**
- **DL5200: RAS15**

Notice for USA

Tested to Comply with FCC Standards FOR HOME OR OFFICE USE.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product complies with UL 60950-1.

Notice for Canada

C

This Class B digital apparatus complies with Canadian ICES-003 Issue 3:1997. Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

This product complies with CAN/CSA-C22.2 No. 60950-1-03

Notice for Europe

This product is in conformity with the EMC Directive (89/336/EEC) and the Low-Voltage Directive (73/23/EEC) through compliance with the following European standards: EN 55022: 1998 + Amd 1: 2000 Amd 2:2003 Class B Limit; EN 55024: 1998; EN 61000-3-2:1995; EN 61000-3-3:1995 + Amd 1: 2001; IEC 60950-1 (2001). The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.